



# 9

## SEQUENCE LISTING

<110> Kreck, Mary Jeanne  
LaForge, Karl Steven

<120> Alleles of the Human Mu Opioid Receptor,  
Diagnostic Methods Using Said Alleles, and Methods of  
Treatment Based Thereon

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<140> 09/883,839

<141> 2001-06-18

<150> 60/212,225

<151> 2000-06-16

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<213> Homo sapiens

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 20          25          30
Asn Leu Ser His Leu Asp Gly Asn Leu Ser Asp Pro Cys Gly Pro Asn
 35          40          45
Arg Thr Asn Leu Gly Gly Arg Asp Ser Leu Cys Pro Pro Thr Gly Ser
 50          55          60
Pro Ser Met Ile Thr Ala Ile Thr Ile Met Ala Leu Tyr Ser Ile Val
 65          70          75          80
Cys Val Val Gly Leu Phe Gly Asn Phe Leu Val Met Tyr Val Ile Val
 85          90          95
Arg Tyr Thr Lys Met Lys Thr Ala Thr Asn Ile Tyr Ile Phe Asn Leu
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Ala Leu Ala Asp Ala Leu Ala Thr Ser Thr Leu Pro Phe Gln Ser Val
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Thr Thr Lys Tyr Arg Gln Gly Ser Ile Asp Cys Thr Leu Thr Phe Ser
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His Pro Thr Trp Tyr Trp Glu Asn Leu Val Lys Ile Cys Val Phe Ile
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<212> DNA  
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<220>  
<221> misc\_feature

<222> 2063, 2091

<223> n = A,T,C or G

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<211> 2165

<212> DNA

<213> Homo sapiens

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35      40      45
Arg Thr Asn Leu Gly Gly Arg Asp Ser Leu Cys Pro Pro Thr Gly Gly
50      55      60
Ser Pro Ser Met Ile Thr Ala Ile Thr Ile Met Ala Leu Tyr Ser Ile
65      70      75      80
Val Cys Val Val Gly Leu Phe Gly Asn Phe Leu Val Met Tyr Val Ile
85      90      95
Val Arg Tyr Thr Lys Met Lys Thr Ala Thr Asn Ile Tyr Ile Phe Asn
100     105     110
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